



Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Section 1: Identification

Product Name Collagen Hydrolysate Powder (Bovine)
Commercial Name Not available.
Product Use Not available
Restrictions On Use Not available

Product Code 30-1132

Company PCCA
 9901 South Wilcrest
 Houston, TX 77099
 Phone: 1-800-331-2498
 Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Not available
CFR 1910.1200

Signal Word NON-HAZARDOUS

Hazard Statement(s) Not available

Pictogram(s) or Symbol(s)

Precautionary Statement(s):

Prevention Keep container tightly closed Use personal protective equipment as required.
Response Not available
Storage Store in a dry place Store in a closed container Protect from sunlight. Store at temperatures not exceeding 25 C
Disposal Not available.

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Collagen Hydrolysate Powder (Bovine)
% By Weight 100
CAS# 92113-31-0
Molecular Weight Not available.
Chemical Formula Not available.
Synonym(s) Collagen Hydrolysate, Powder

Mixtures

| Name | CAS# | % by Weight | TLV/PEL | LC50/LD50 |
|--------------------------------------|------|-------------|---------|-----------|
| Collagen Hydrolysate Powder (Bovine) | | 100 | | |

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Section 4: First-Aid Measures

| | |
|------------------------------------|---|
| Inhalation | Move to fresh air from exposure area. Get medical attention for any breathing difficulty. |
| Skin Contact | Rinse with soap and water. Get medical advice if irritation develops. |
| Eye Contact | Immediately rinse with plenty of water for at least 15 minutes, while keeping the eyes wide open. Consult with a physician. |
| Ingestion | Consult with a physician. |
| Symptoms/Effects | |
| Acute | Not available |
| Delayed | Not available |
| Immediate Medical Attention | Not available. |

Section 5: Fire-Fighting Measures

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|---|--|
| Suitable Extinguishing Media | Water, dry chemicals, foam and carbon dioxide. |
| Unsuitable Extinguishing Media | Not available |
| Products of Combustion | Not available. |
| Firefighters Special Equipment and Precautions | Move container from fire area if it can be done with risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low area. Use boots, gloves and goggles |

Section 6: Accidental Release Measures

Prevent entry into sewers and waterways. Do not allow material to contaminate ground water system. Pick up free liquid for recycling or disposal. Residual liquid can be absorbed on an inert material Wash non-recoverable remainder with water.

Section 7: Handling and Storage

Handling: Wash hands after use. Avoid storage near feed or food stuff. Storage: Keep container closed. Store in a cool, dry places. This material must be stored at room temperature (23-25 C). It should not be exposed to excessive heat or cold. Do not freeze. Avoid contact with strong oxidizers.

Section 8: Exposure Controls/Personal Protection

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|-----------------------------|--|
| Exposure Limits | Not available. |
| Engineering Controls | Not available. |
| Personal Protection | Respiratory protection: Local exhaust. Hand protection: Protective gloves made of rubber or neoprene. Eye protection: Safety glasses Collective emergency equipment: Eye fountain. Skin and Body protection: Suitable protective clothing. |

Section 9: Physical and Chemical Properties

| | | | |
|---|----------------------|--|----------------|
| Appearance | Off-white powder | | |
| Odor | Faint, proteinaceous | | |
| Odor Threshold | Not available. | | |
| Melting Point | Not available. | pH | 4.2 -- 6.5 |
| Freezing Point | Not available. | Vapor Pressure | Not available. |
| Boiling Point/Range | Not available. | Vapor Density | Not available. |
| Decomposition temperature | Not available. | Viscosity | Not available. |
| Partition Coefficient: n-octanol/water | Not available. | Evaporation Rate | Not available. |
| Flash Point | Not available. | Autoignition temperature | Not available. |
| Flammability | Not available. | Flammability or Explosive Limits: | |
| | | Lower | Not available. |
| | | Upper | Not available. |
| Solubility(ies) | Soluble | | |
| Other | Not available. | | |

Section 10: Stability and Reactivity

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|---|--|
| Reactivity | Not available |
| Chemical Stability | Stable under ordinary conditions of use and storage up to one year then re-test to full product specifications to extend shelf life. |
| Hazardous Polymerization | Not available. |
| Conditions to Avoid | No dangerous reactions known under use of normal conditions. Avoid extreme heat. |
| Incompatible Materials | Not available. |
| Hazardous Decomposition Products | None known |

Section 11: Toxicological Information

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|--|-----------------|
| RTECS | Not available. |
| Acute Toxicity | Not available. |
| Skin Corrosion/Irritation | Not available |
| Serious Eye Damage/Irritation | Not available |
| Respiratory or Skin Sensitization | Not available |
| Germ Cell Mutagenicity | Not available |
| Carcinogenicity | Not available |
| Reproductive Toxicity | Not available |
| Routes of Entry | Inhalation.Skin |

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Symptoms Related to Exposure

Not available.

Potential Health Effects

Not available

Target Organ(s)

Not available

Section 12: Ecological Information**Ecotoxicity**

Products of Biodegradation: Possibly hazardous short-term degradation products are not likely. However, long-term degradation products may arise.

Persistence and Degradability

Readily Biodegradable (96.5% biodegradation after 28 days of testing)

Bioaccumulative Potential

Not available

Mobility in Soil

Soil & sediment.

Other Adverse Effects

Not available

Section 13: Disposal Considerations**Waste Disposal**

Do not allow the product to be released into the environment. Disposal of in accordance with relevant regulations.

Disposal of Container

Cleaning is not required prior to disposal.

Other Considerations

Not available

Section 14: Transport Information**DOT Classification**

Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

Section 15: Regulatory Information**Regulations**

Not available.

Other

Not available.

Section 16: Other Information

Not available.